

Sample Name	Facility or Location	Land Use	Total Mass (g)	Total Solids (%)	Total Dry Mass (g)	Wet/Dry	Priority	Analyte	Minimum Sample Size (g)	Aliquot Size (g)	Remaining Mass (g)	Notes
Sediment Trap Samples												
S10-H30	Hwy 30	Major Transportation	13			Wet		1C Percent solids	1	0.99	12.0	
						Wet		1B TOC ¹	0.1	0.1	11.9	
			11.9	35.4	4.2	Dry		1A PCB congeners ³	10	4.2	0.0	DL for PCB congeners increases 2.4x.
						Dry		2 Organochlorine pesticides ²	10			
						Dry		3 PAHs/Phthalates ⁴	20			
						Wet		4 Metals	7			
						Dry		5 Herbicides ⁵	20			
S10-OF22B	City - Doane Lake Industrial Area	Heavy Industrial	151			Wet		1C Percent solids	1	1.01	150.0	
						Wet		1B TOC	0.1	0.1	149.9	
			149.9	9.9	14.8	Dry		1A PCB congeners	10	10	4.8	DL for pesticides increases 2.1x.
						Dry		2 Organochlorine pesticides	10	4.8	0.0	
						Dry		3 PAHs/Phthalates	20			
						Wet		4 Metals	7			
						Dry		5 Herbicides	20			
S10-WR142	Gunderson	Heavy Industrial	20			Wet		1C Percent solids	1	1.00	19.0	
						Wet		1B TOC	0.1	0.1	18.9	
			18.9	32.0	6.05	Dry		1A PCB congeners	10	6.05	0.00	DL for PCB congeners increases 1.7x.
						Dry		2 Organochlorine pesticides	10			
						Dry		3 PAHs/Phthalates	20			
						Wet		4 Metals	7			
						Dry		5 Herbicides	20			
S10-OF49	City - St. Johns Area	Residential	83			Wet		1C Percent solids	1	1	82	
						Wet		1B TOC	0.1	0.1	81.9	
			81.9	30.0	24.6	Dry		1A PCB congeners	10	10	14.6	DL for PAHs/Phthalates increases 4.3x.
						Dry		2 Organochlorine pesticides	10	10	4.6	
						Dry		3 PAHs/Phthalates	20	4.6	0.0	
						Wet		4 Metals	7			
						Dry		5 Herbicides	20			
S10-WR147	Gunderson (formerly Schnitzer)	Heavy Industrial	41			Wet		1C Percent solids	1	1.02	40.0	
						Wet		1B TOC	0.1	0.1	39.9	
			39.9	37.3	14.9	Dry		1A PCB congeners	10	10	4.9	DL for PAHs/Phthalates increases 4.1x.
						Dry		2 PAHs/Phthalates	20	4.9	0.0	
						Dry		3 Organochlorine pesticides	10			
						Wet		4 Metals	7			
						Dry		5 Herbicides	20			
S10-WR161	Portland Shipyard	Heavy Industrial	67			Wet		1C Percent solids	1	1.06	65.9	
						Wet		1B TOC	0.1	0.1	65.8	
			65.8	34.0	22.4	Dry		1A PCB congeners	10	10	12.4	DL for PAHs/Phthalates increases 1.6x.
						Dry		2 PAHs/Phthalates	20	12.4	0.0	
						Dry		3 Organochlorine pesticides	10			
						Wet		4 Metals	7			
						Dry		5 Herbicides	20			

S10-H30B	Hwy 30	Major Transportation	92			Wet	1C Percent solids	1	1.02	91.0	DL for PAHs/Phthalates increases 1.3x.
						Wet	1B TOC	0.1	0.1	90.9	
			90.9	39.2	35.6	Dry	1A PCB congeners	10	10	25.6	
						Dry	2 Organochlorine pesticides	10	10	15.6	
						Dry	3 PAHs/Phthalates	20	15.6	0.0	
						Wet	4 Metals	7			
						Dry	5 Herbicides	20			
S10-WR218	UPRR Albina	Heavy Industrial	777			Wet	1C Percent solids	1	1.00	776.0	Approximately 468.4g dry wt. (679g wet wt.) remaining. This sample could be used for lab and/or field QC analyses.
						Wet	1B TOC	0.1	0.1	775.9	
			775.9	69.0	535.4	Dry	1A PCB congeners	10	10	525.4	
						Dry	2 Organochlorine pesticides	10	10	515.4	
						Dry	3 PAHs/Phthalates	20	20	495.4	
						Wet	4 Metals	7	7	488.4	
						Dry	5 Herbicides	20	20	468.4	
S10-WR123	Schnitzer International Slip	Heavy Industrial	517			Wet	1C Percent solids	1	1.00	516.0	Approximately 87.8g dry wt. (293g wet wt.) remaining. This sample could be used for lab and/or field QC analyses.
						Wet	1B TOC	0.1	0.1	515.9	
			515.9	30.0	154.8	Dry	1A PCB congeners	10	10	144.8	
						Dry	2 PAHs/Phthalates	20	20	124.8	
						Dry	3 Organochlorine pesticides	10	10	114.8	
						Wet	4 Metals	7	7	107.8	
						Dry	5 Herbicides	20	20	87.8	
S10-OF18S	City - Multiple Land Uses	Open Space/Heavy Industrial	19			Wet	1C Percent solids	1	1.03	18.0	DL for PCB congeners increases 1.2x.
						Wet	1B TOC	0.1	0.1	17.9	
			17.9	45.6	8.1	Dry	1A PCB congeners	10	8.1	0.0	
						Dry	2 Organochlorine pesticides	10			
						Dry	3 PAHs/Phthalates	20			
						Wet	4 Metals	7			
						Dry	5 Herbicides	20			
S10-WR14	Chevron - Transportation	Heavy Industrial	142			Wet	1C Percent solids	1	1.01	141.0	Approximately 7.0g dry wt. (13g wet wt.) remaining.
						Wet	1B TOC	0.1	0.1	140.9	
			140.9	52.5	74.0	Dry	1A PCB congeners	10	10	64.0	
						Dry	2 PAHs/Phthalates	20	20	44.0	
						Dry	3 Organochlorine pesticides	10	10	34.0	
						Wet	4 Metals	7	7	27.0	
						Dry	5 Herbicides	20	20	7.0	
S10-OF18T	City - Multiple Land Uses	Open Space/Heavy Industrial	592			Wet	1C Percent solids	1	1.07	590.9	Approximately 115g dry wt. (373g wet wt.) remaining. This sample could be used for lab and/or field QC analyses.
						Wet	1B TOC	0.1	0.1	590.8	
			590.8	30.8	182.0	Dry	1A PCB congeners	10	10	172.0	
						Dry	2 Organochlorine pesticides	10	10	162.0	
						Dry	3 PAHs/Phthalates	20	20	142.0	
						Wet	4 Metals	7	7	135.0	
						Dry	5 Herbicides	20	20	115.0	
S10-OF18 T07	City - Multiple Land Uses	Open Space/Heavy Industrial	3149			Wet	1C Percent solids	1	1.03	3148.0	Approximately 1522.7g dry wt. (3015g wet wt.) remaining. This sample could be used for lab and/or field QC analyses.
						Wet	1B TOC	0.1	0.1	3147.9	
			3147.9	50.5	1589.7	Dry	1A PCB congeners	10	10	1579.7	
						Dry	2 Organochlorine pesticides	10	10	1569.7	
						Dry	3 PAHs/Phthalates	20	20	1549.7	
						Wet	4 Metals	7	7	1542.7	
						Dry	5 Herbicides	20	20	1522.7	

Notes:

¹ The absolute minimum amount of sample needed for TOC analysis is 100mg (0.1g); this sample amount will lead to elevated detection limits, but we are expecting detected levels in each sample, therefore elevated DLs will not affect the quality of the data.

² 10g dry weight is the minimum amount needed for pesticide analysis. If needed, the final extract volume will be reduced to approximately 1/2 the initial volume to meet project MRLs.

³ 10g dry weight is the minimum amount needed for PCB congener analysis. It is possible to use less sample mass for this analysis, but the results on reporting limits and quality of results is unknown at this time due to possibility of surrogate crystallization.

⁴ 20g dry weight is the minimum amount needed for a co-extraction for PAHs and phthalates. If needed, the final extract volume will be reduced to approximately 1/2 the initial volume to meet project MRLs.

⁵ 20g dry weight is the minimum amount needed for herbicide analysis. If needed, the final extract volume will be reduced to approximately 1/3 the initial volume to meet project MRLs.

-- Only percent solids analyses have been conducted to date. Sediment trap samples are currently being archived (frozen) pending further instruction for analysis.